

Note to readers with disabilities: *EHP* strives to ensure that all journal content is accessible to all readers. However, some figures and Supplemental Material published in *EHP* articles may not conform to [508 standards](#) due to the complexity of the information being presented. If you need assistance accessing journal content, please contact ehp508@niehs.nih.gov. Our staff will work with you to assess and meet your accessibility needs within 3 working days.

Supplemental Material

Three-Month Real-Time Dengue Forecast Models: An Early Warning System for Outbreak Alerts and Policy Decision Support in Singapore

Yuan Shi, Xu Liu, Suet-Yheng Kok, Jayanthi Rajarethinam, Shaohong Liang, Grace Yap, Chee-Seng Chong, Kim-Sung Lee, Sharon S.Y. Tan, Christopher Kuan Yew Chin, Andrew Lo, Waiming Kong, Lee Ching Ng, and Alex R. Cook

Table of Contents

Supplemental Video Zip File

Video File S1*: Comparison between observed cases and predicted cases from 2001-2012 using LASSO. In the video, we selected all the data (2001 to 2012) except the year being forecast to develop the models. The results present the 12-week forecasts, including 95% prediction intervals, at various time points over the period. The same strategy also applies to the videos generated by step-down and SARIMA methods (video S2 and S3).

Video File S2*: Comparison between observed cases and predicted cases from 2001-2012 using step-down linear regression

Video File S3*: Comparison between observed cases and predicted cases from 2001-2012 using SARIMA

*In all the three videos, black lines represent past cases, and red circles represent future cases. Red lines represent model-based point estimates and the pink contours represent

corresponding 95% prediction intervals. Each segment of predicted data (i.e., each pink and red region) represents the estimates from one 12-week forecast made at a previous point in time.